

NOTES ON SCHEMATIC

ALL RESISTANCES IN OHMS K=1000
 ALL RESISTORS 1/2 WATT UNLESS OTHERWISE SPECIFIED.
 ALL CAPACITORS IN μ F UNLESS OTHERWISE SPECIFIED.
 ALL VOLTAGES MEASURED WITH RESPECT TO CHASSIS GROUND.
 VOLTAGES TAKEN WITH AN 11 MEGOHM VTVM.
 ALL VOLTAGES POSITIVE UNLESS OTHERWISE SPECIFIED.

VOLTAGE READINGS TAKEN WITH UNIT OPERATING FROM NOMINAL 117 VOLT AC LINE WITH DUMMY LOAD PLUGGED IN AND CONTROLS SET AS FOLLOWS:

- VOLUME CONTROL - ANY POSITION
- TUNING CAPACITOR - ANY POSITION
- REGENERATION - ADJUSTED FOR NORMAL RECEPTION
- MICROPHONE - DISCONNECTED

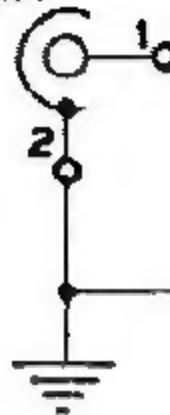
READINGS ON V1A AND V1B WITH SWITCH IN RECEIVE
 READINGS ON V2A, V4A AND V4B WITH SWITCH IN TRANSMIT
 ALL OTHERS SHOWN WITH SWITCH IN EITHER POSITION

IF TWO VOLTAGES ARE SHOWN, THE ONE WITH THE LETTER R FOLLOWING IS WITH THE SWITCH IN RECEIVE AND THE ONE WITH A T FOLLOWING IS WITH THE SWITCH IN TRANSMIT.

TRANSMITTER SECTION

TRANSMIT-RECEIVE SWITCH

ANTENNA JACK



R205
270 K

V4-A
1/2 6AU8

VARIES WITH
ACTIVITY OF
CRYSTAL

XTAL



R201
47 K

C201
.001

C202
.001

C203
7.5 μ UF

L201

AMPLIFIER GRID
DRIVING VOLTAGE
MEASURED
HERE

R202
22 K
2 W

C204
4.7 μ UF

R203
22 K

C205
.001

C209 5-80 μ UF
RF TRAP TRIMMER

L203
RF TRAP COIL

V4-B
1/2 6AU8

OUTPUT
INDICATOR



2 TURN
LINK

C208
7.5 μ UF

L202

R204
22 K
2 W

C206
.001

C207
.001

TERMINAL STRIP G
LUG 2

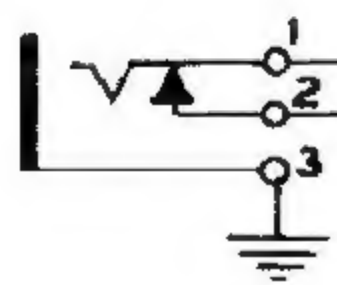
FRONT OF DECK
(REAR VIEW)

SWITCH IS IN
RECEIVE POSITION

REAR OF DECK
(REAR VIEW)

AUDIO SECTION

METER
JACK



V2-A

EIVE

RECEIVER
SECTION

TION

2
3POWER
INDICATOR

GROUND

GROUND

GROUND

GROUND

GROUND

GROUND

GROUND

GROUND

GROUND

GROUND

GROUND

GROUND

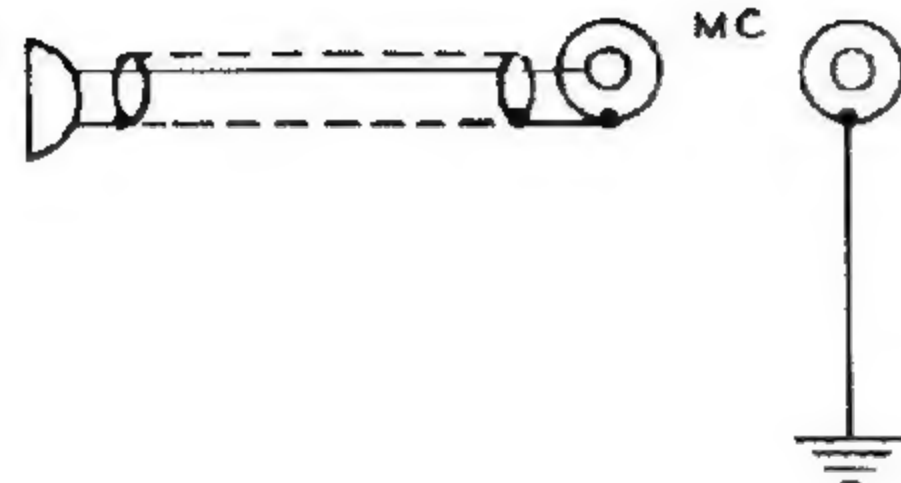
V1-A
1/2 6AN8V1-B
1/2 6AN8VARIES WITH
SETTING OF
R106R405
150KPOWER
INDICATORC101
2.2 μ UFC102
7.5 μ UFR101
2.7KC103
.001R102
470 Ω C104
.001R103
220KR104
4.7KC105
.001C106
.001C107
.56 μ UFC111
100 μ UFR105
10 MEGC108
TUNING
CAPACITOR
2.5 μ UFC110
4.7 μ UFL102
DETECTOR
COILL103 RF CHOKE WOUND ON
3.3K 1WATT
RESISTOR BODYR106
500K LINEAR
REGENERATION
CONTROLR107
150KL104
RFC
75 MHC114
.001R108
1 MEG AUDIO
VOLUME
CONTROL

V2-B

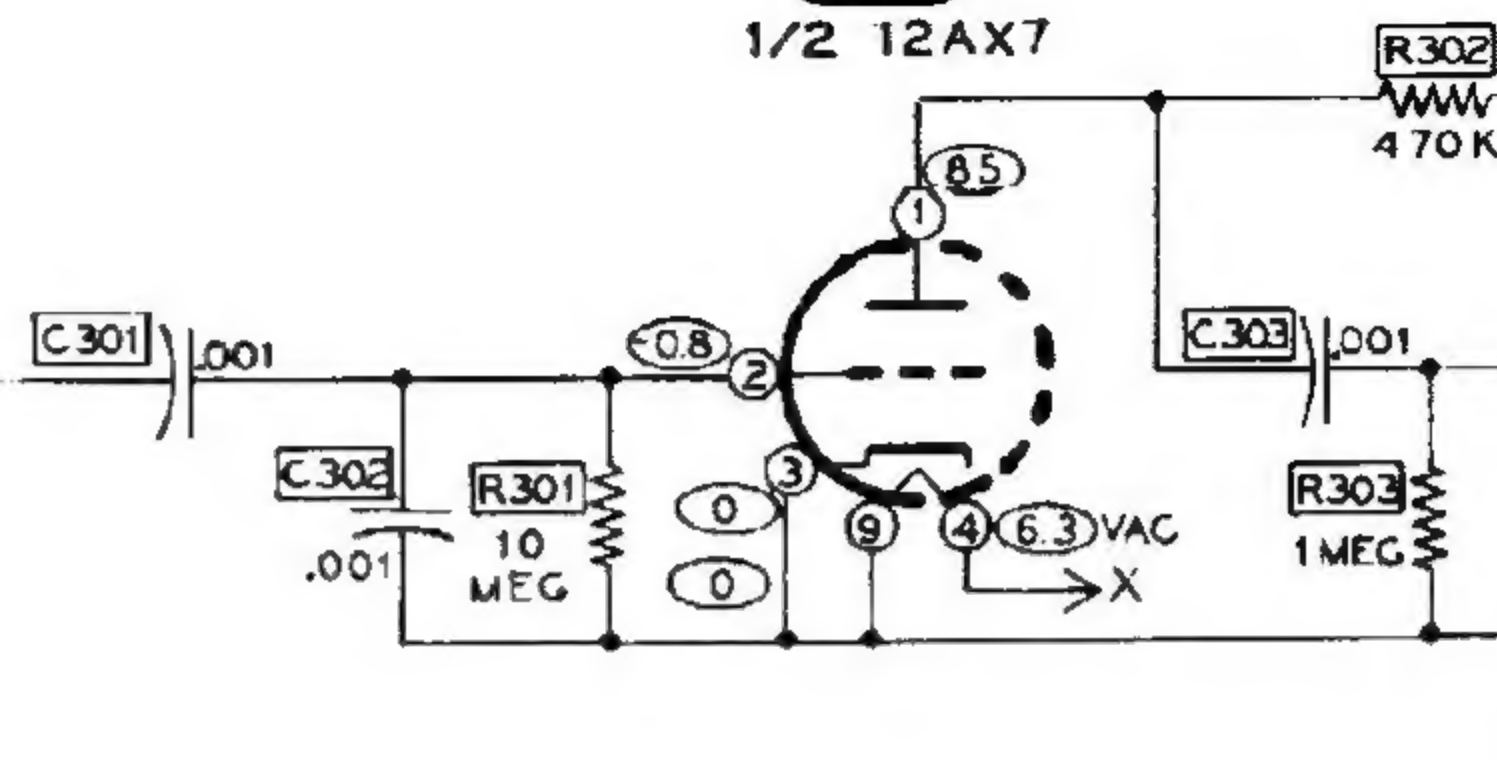
V3

AUDIO SECTION

MICROPHONE
CERAMIC
ELEMENT
TYPE



V2-A
1/2 12AX7



POWER SUPPLY SECTION

NOTES ON SCHEMATIC

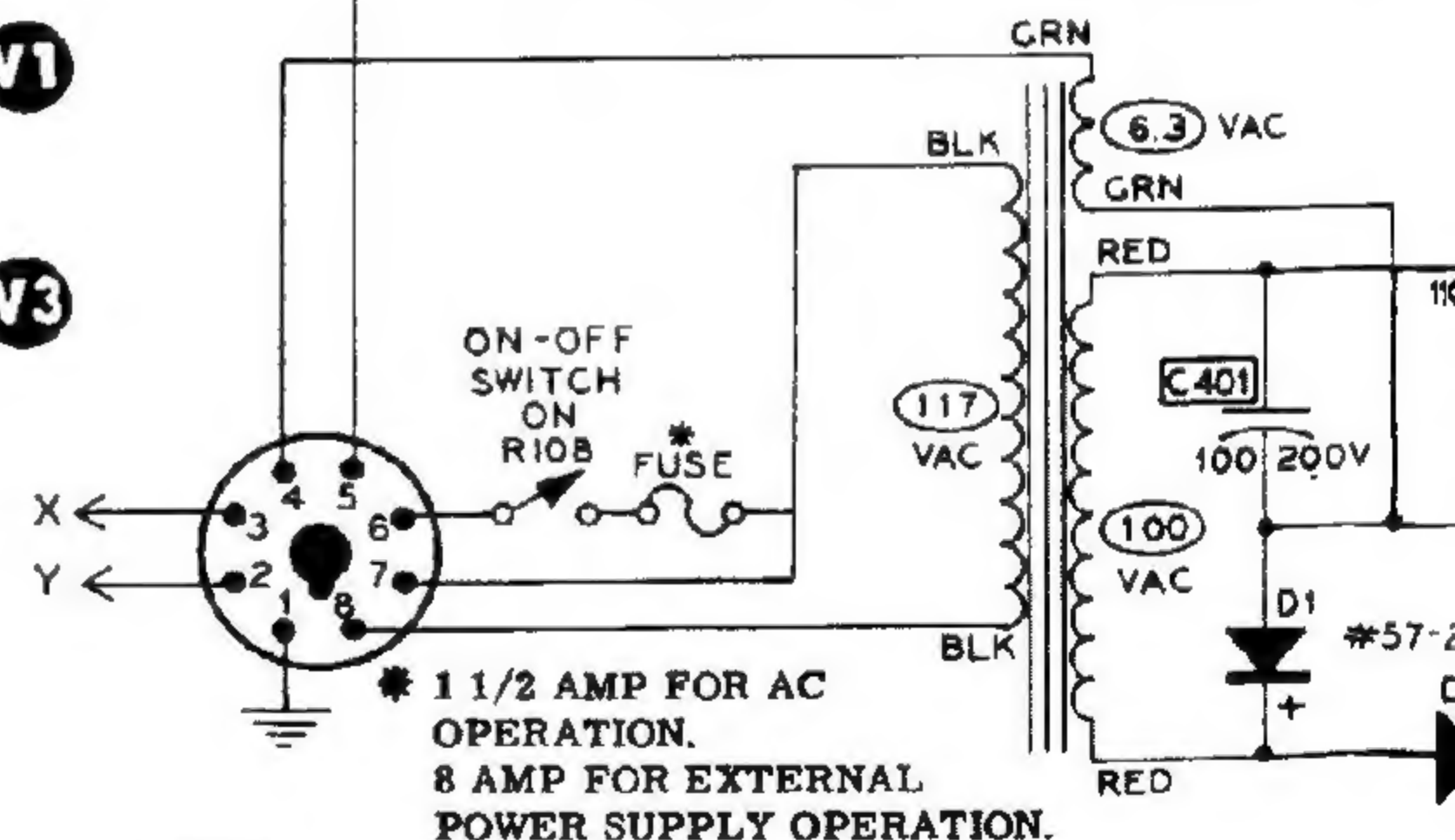
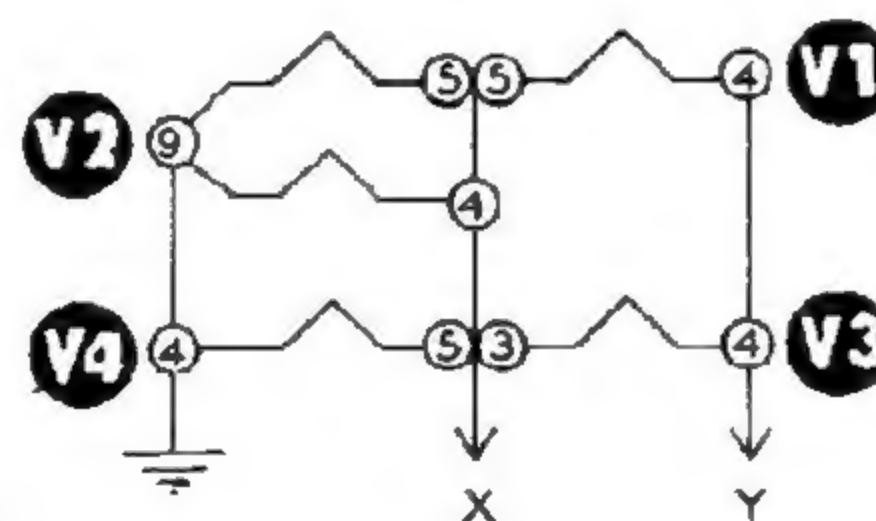
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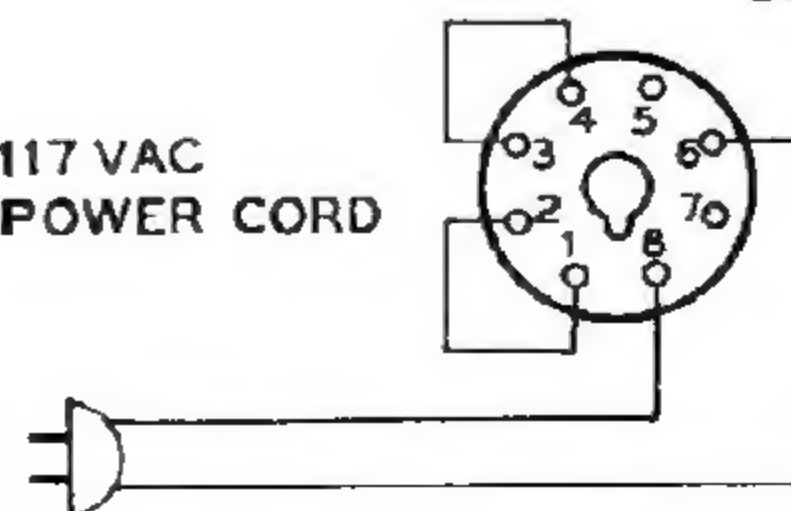
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117 VAC
POWER CORD

105-125 VAC
50/60 ~



HE
10 METER
TRAN
MOD

